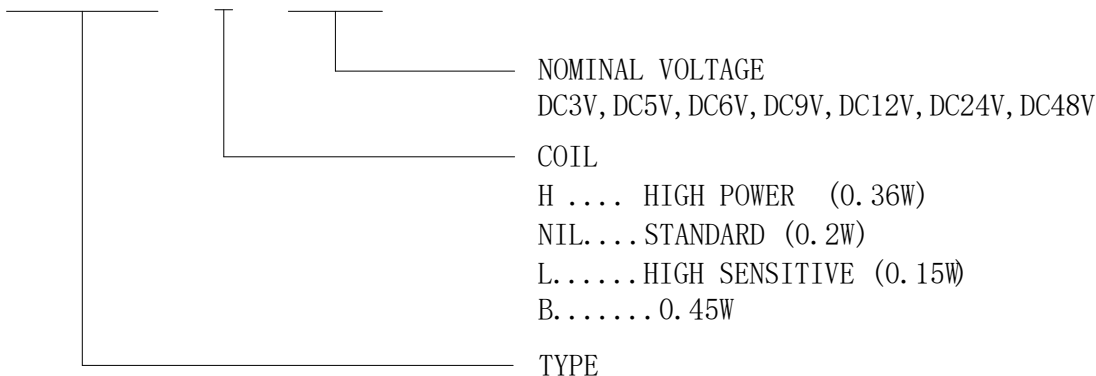


E220153
 ATS0411191
 CQC17002182654

ORDERING CODE 订购代码

HLS-4078 - H - DC12V



CONTACT DATA 触点参数:

| | | |
|----------------------------|-----------|--------------------------------|
| Contact Form | 触点形式 | 2C |
| Contact Material | 触点材料 | Ag+Au |
| Contact Ratings | 触点负载 | 1A 120VAC;2A/24VDC |
| Max Switching Voltage | 最大转换电压 | 240VAC/60VDC |
| Max Switching Current | 最大转换电流 | 2A |
| Max Switching Power | 最大转换功率 | 120VA/30W |
| Initial Contact Resistance | 接触电阻 (首次) | 100m Ω Max at 6VDC 1A |
| Life Expectancy Electrical | 电气寿命 | 100,000 Operations(rated load) |
| Life Expectancy Mechanical | 机械寿命 | 10,000,000 Operations(no load) |

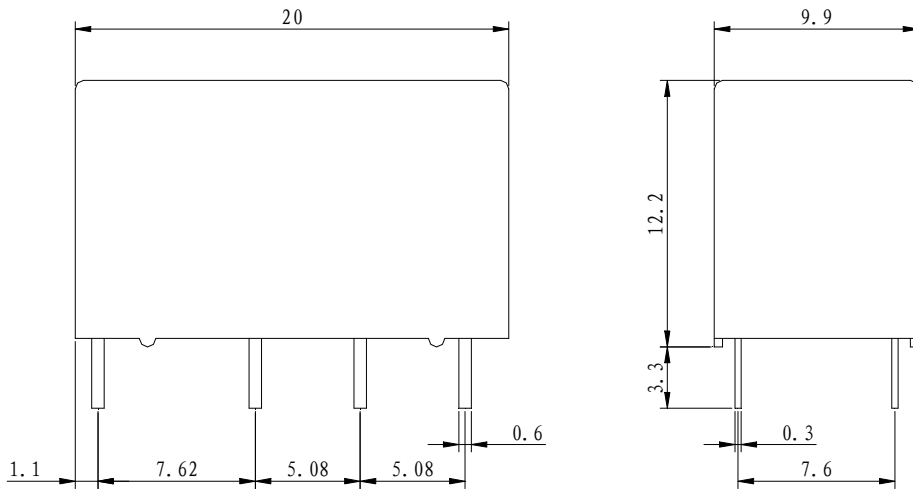
GENERAL DATA 一般参数:

| | | | |
|---|-------------|---------------------------------|-----|
| Insulation Resistance | 绝缘阻值 | 100M Ω Min at 500VDC | |
| Dielectric Strength Between Open Contacts | 触点间耐压 | 500VAC 50-60HZ (1 minute) | |
| Dielectric Strength Between Contacts And Coil | 触点与线圈间耐压 | 1000VAC 50-60HZ (1 minute) | |
| Operate Time | 吸合时间 | 6ms max | |
| Release Time | 释放时间 | 4ms max | |
| Ambient Temperature | 环境温度 | -30°C to +70°C | |
| Shock Resistance 冲击 | Malfunction | 动作极限 | 10G |
| | Destruction | 破坏极限 | 15G |
| Vibration Resistance | 振动 | 10-55Hz, 1.5mm double amplitude | |
| Ambient humidity | 湿度 | 40-85% RH | |
| Weight | 重量 | Approx 5g | |
| Safety Standard | 安全标准 | UL CE CQC | |

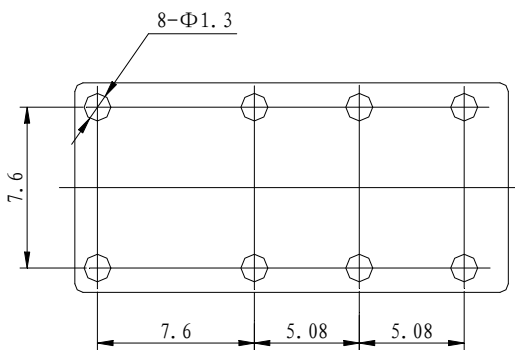
COIL DATA 线圈参数: (@20°C)

| Rated Voltage 额定电压 (VDC) | 线圈阻值 Ω ($\pm 10\%$) | | | | Max Operate Voltage 最大吸合电压 (VDC) | Min Release Voltage 最小释放电压 (VDC) | Max Applied Voltage 最大负载电压 (VDC) |
|--------------------------------|------------------------------|-------|-------|-------|--|--|--|
| | 0.15W | 0.2W | 0.36W | 0.45W | | | |
| 3 | 60 | 45 | 25 | 20 | 2.25 | 0.15 | 3.9 |
| 5 | 167 | 125 | 70 | 50 | 3.75 | 0.25 | 6.5 |
| 6 | 240 | 180 | 100 | 80 | 4.5 | 0.3 | 7.8 |
| 9 | 540 | 405 | 225 | 180 | 6.75 | 0.45 | 11.7 |
| 12 | 960 | 720 | 400 | 320 | 9 | 0.6 | 15.6 |
| 24 | 38400 | 2800 | 1600 | 1280 | 18 | 1.2 | 31.2 |
| 48 | - | 11520 | 6400 | 5100 | 36 | 2.4 | 62.4 |

Outline Dimension 外形尺寸 (mm)

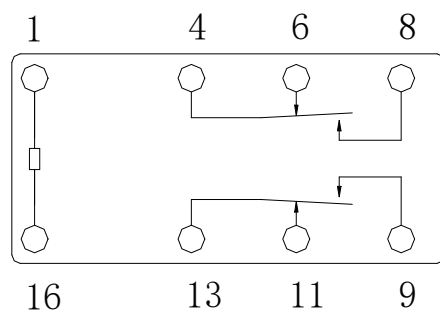


PC Board layout 安装图



(Bottom View 底视)

Wiring Diagram 接线图



(Bottom View 底视)

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